

EASY ORIGAMI



John
Montroll



Easy Origami

John Montroll

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Introduction

I have compiled this collection of traditional Japanese projects for beginners in the hope of sparking a life-long interest in this ancient, elegant art. The models you will fold out of this book, such as a house that turns into a piano, a sailboat, assorted boxes, and other old favorites should provide a good foundation as you move on to more advanced paper folding.

The diagrams are drawn in the internationally approved Handoiri-Yoshizawa style, which, you will find, is easy to follow once you have learned the basic folds. You can use any kind of square paper for these models, but the best results and most precise folding can be achieved using standard origami paper, which is colored on one side and white on the other. In these diagrams, the shading represents the colored side. Origami paper can be found in many hobby shops or purchased by mail from The Friends of The Origami Center of America, a non-profit organization of dedicated paperfolders. For more information about the Friends, send a self-addressed business-size envelope with two first-class stamps to:

The Friends of The Origami Center of America
15 West 77th St.
New York, NY 10024-5192

Origami paper, and a catalog of other available craft books, can also be ordered from Dover Publications, Inc., at:

Dover Publications, Inc.
31 East 2nd St.
Mineola, NY 11501

Good Luck and Happy Folding!

John Montroll

Contents

Symbols 6



Dog
Page 8



Cat
Page 9



Rabbit
Page 10



Horse
Page 11



Fish
Page 12



Penguin
Page 13

Tulip
Page 14



Stem
Page 15



Cup
Page 16



Hat
Page 17



Tall Cap
Page 18



Boat
Page 19



House
Page 20



Planer
Page 21



Oblong Box
Page 22



Fox
Page 23



Sitting Fox
Page 24



Cicada
Page 25



Pigeon
Page 26



Pelican
Page 27



Pin Wheel
Page 28



Lantern
Page 29



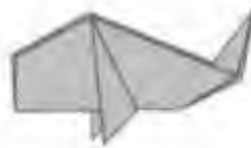
Swan
Page 30



Star
Page 31



Sailboat
Page 32



Carp
Page 34



Butterfly
Page 36



Frog
Page 38



Pig
Page 40



Waterbomb
Page 42



Candy Box
Page 44



Fancy Box
Page 46

Symbols

Lines



Valley fold, fold in front.



Mountain fold, fold behind.



Cream line.

May be used as guide line.

Arrows



Fold in this direction.



Fold behind.



Unfold.



Fold and unfold.



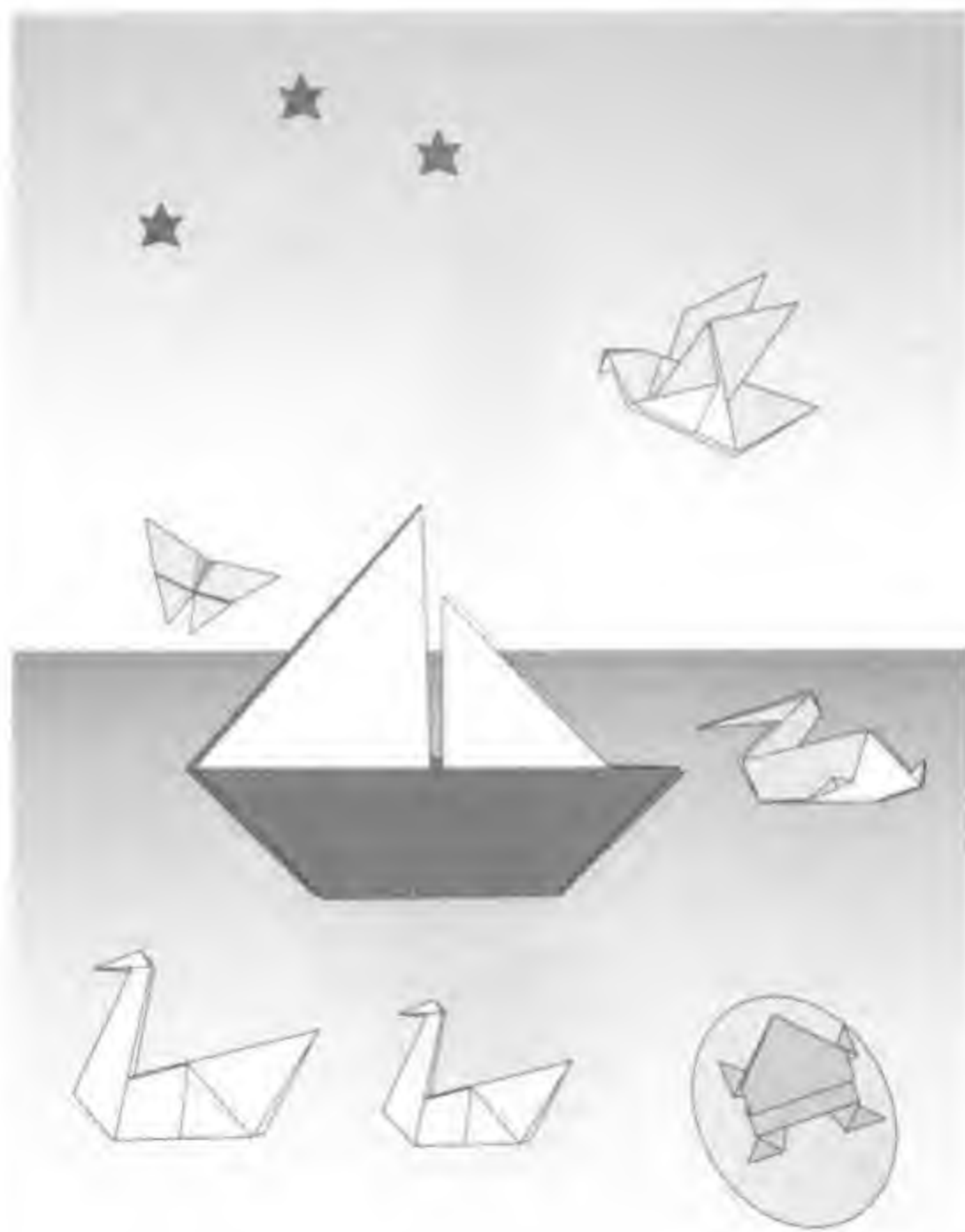
Turn over.



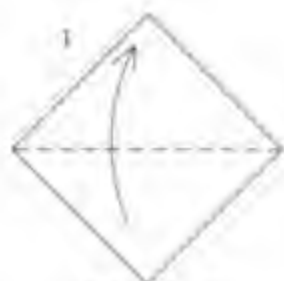
Push.



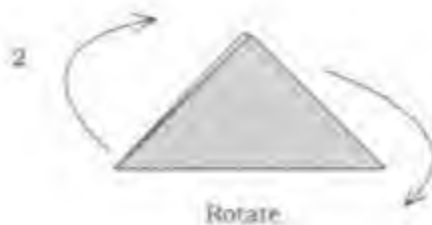
Place your finger between these layers.



Dog



Fold in half.



Rotate.



Fold the ears down.

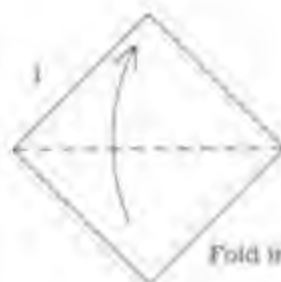


Fold behind.



Dog

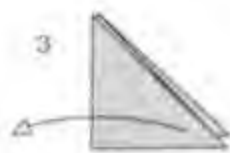
Cat



Fold in half.



Fold in half.



Unfold.



Unfold.



Fold both layers to the line.

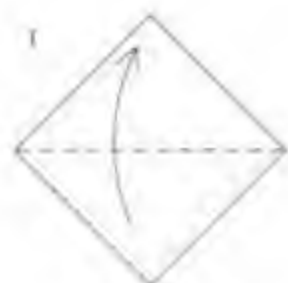


Turn over.



Cat

Rabbit



Fold in half.



Turn over.

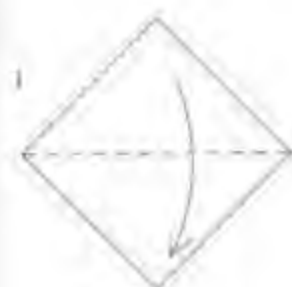


Fold behind.



Rabbit

Horse



Fold in half.



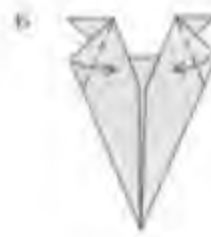
Fold in half.



Unfold.



Fold the ears behind.

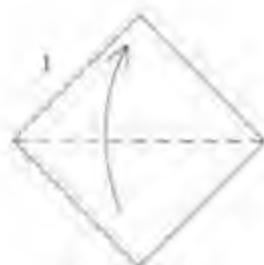


Turn over.



Horse

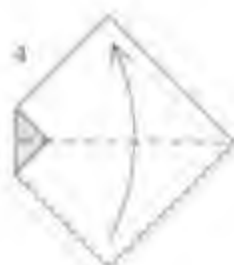
Fish



Fold in half.

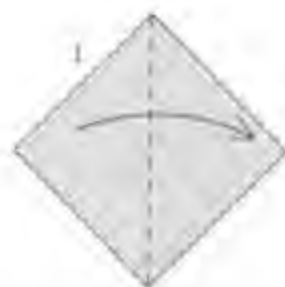


Unfold.



Fish

Penguin



Fold in half.



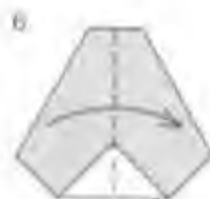
Repeat behind.



Unfold.



Fold behind.

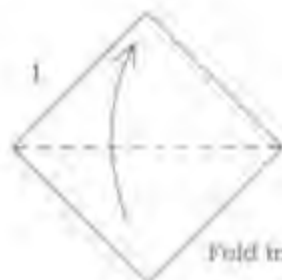


Slide up the head.



Penguin

Tulip



Fold in half.



Unfold.

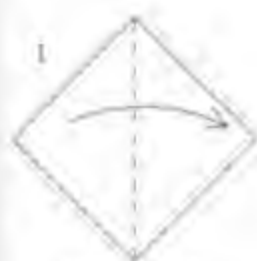


Fold behind.

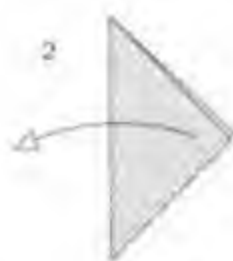


Tulip

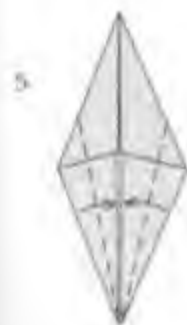
Stem



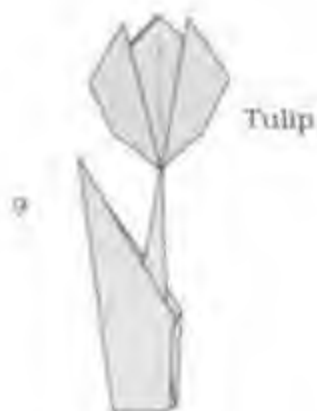
Fold in half.



Unfold.



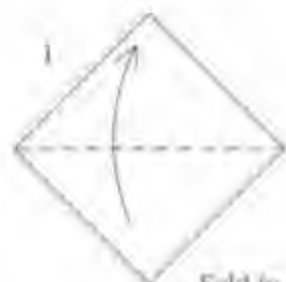
Slide out.



Tulip

Stem

Cup



Fold in half.



Fold one side down.



Unfold.



Fold the corner to the dot.



Fold one layer down.



Turn over.



9



Turn over.

10



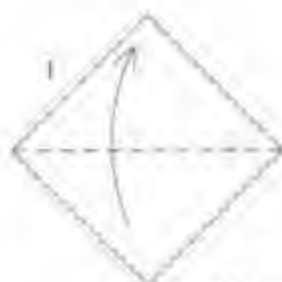
Place your finger inside to open the cup.

11



Cup

Hat



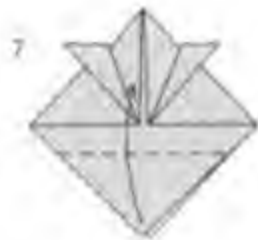
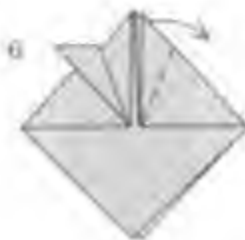
Fold in half.



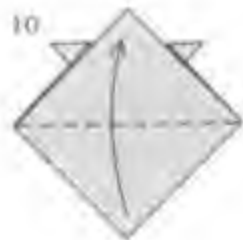
Fold the corners up.



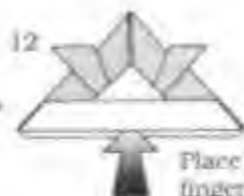
Rotate.



Turn over.



Turn over.

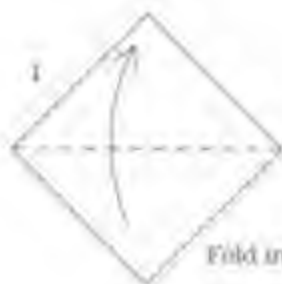


Place your finger inside to open the hat.

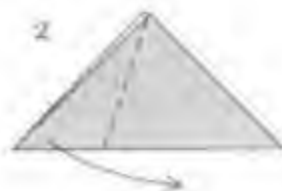


Hat

Tall Cap



Fold in half.

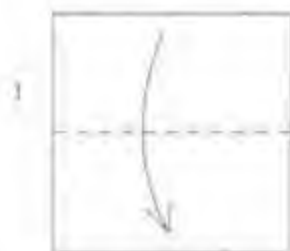


Place your finger inside.



Tall Cap

Boat



Fold in half.



Unfold.



Fold to the center.



Fold a corner
towards the center.



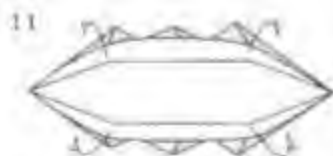
Fold the other corners
towards the center.



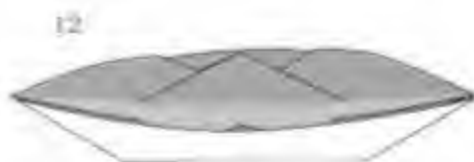
Fold to the center.



Open up to see
the white paper.

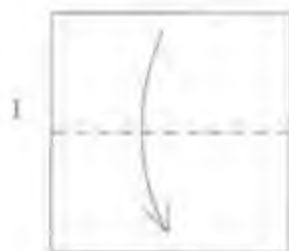


Fold inside-out and turn over.



Boat

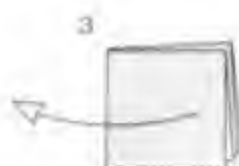
House



Fold in half.



Fold in half.



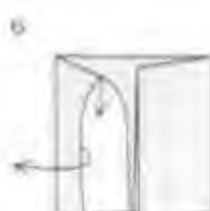
Unfold.



Fold to the center.



Place your finger inside to open.



Continue opening the model.



Open the right side.

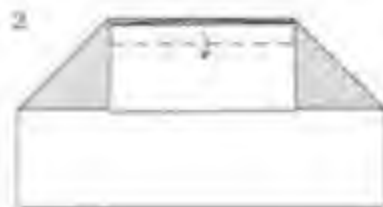


House

Piano



Begin with the house.



Open.



Piano

Oblong Box



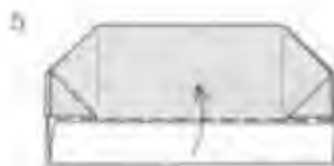
Begin with the inside.



Fold behind



Repeat behind.



Repeat behind.



Rotate.



Open the box.



Oblong Box

Fox



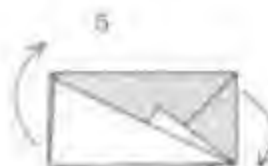
Begin with the house.



Fold up, repeat behind.



Fold up, repeat behind.



Rotate.

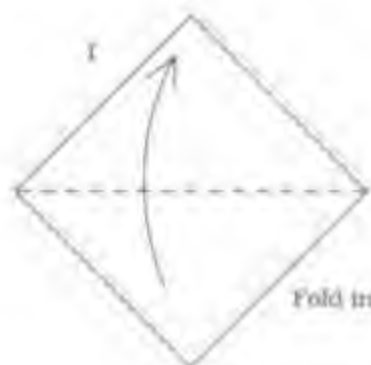


Place your finger and thumb inside to shape the mouth.



Fox

Sitting Fox



Fold in half.



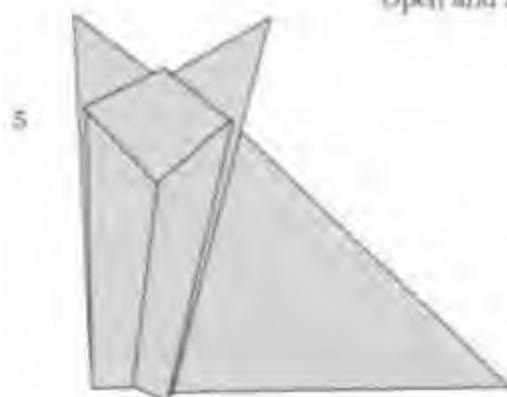
Fold the corners up.



Fold behind.

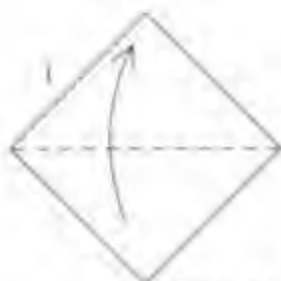


Open and rotate.



Sitting Fox

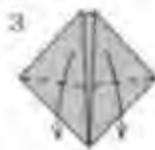
Cicada



Fold in half.



Fold the corners up.



Fold behind.

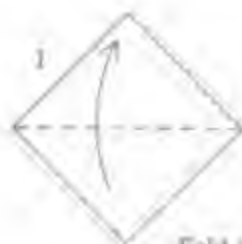


Bend in half.



Cicada

Pigeon



Fold in half.



Fold in half.



Unfold.



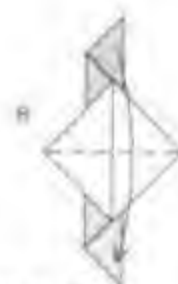
Turn over.



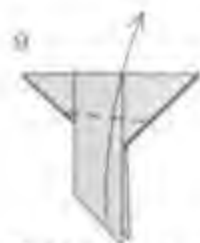
Fold one layer down.



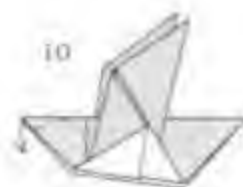
Rotate.



Fold in half.



Fold the wing up,
repeat behind.

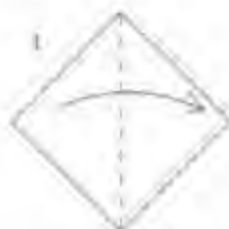


Fold the beak.

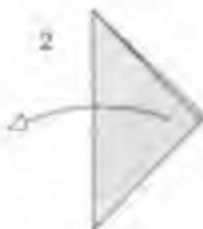


Pigeon

Pelican



Fold in half.



Unfold.



Fold to the center.



Turn over.



Fold the bottom tip above the top.



Fold in half and rotate.



Slide out the neck and head.



Fold the tail up.

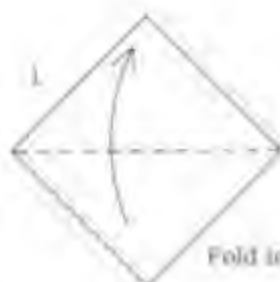


Repeat behind.



Pelican

Pin Wheel



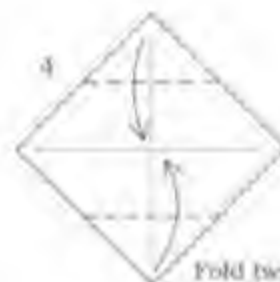
Fold in half



Fold in half.



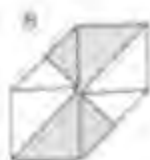
Unfold everything.



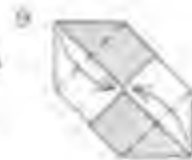
Fold two corners to the center.



Turn over.



Turn over.



Place your finger inside to pop out the corner.



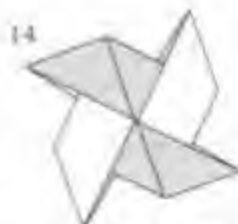
Pop out the lower corner.



Turn over.

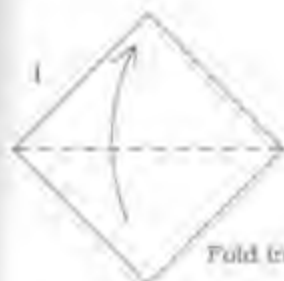


Pull out the white corners.



Pin Wheel

Lantern



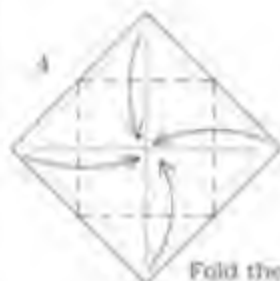
Fold in half.



Fold in half.



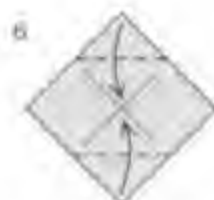
Unfold everything.



Fold the corners to the center.



Turn over and rotate.



Fold the top and bottom to the center.



Turn over.



Fold the corners to the center.



Turn over.

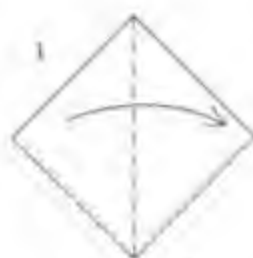


Open the top and bottom.

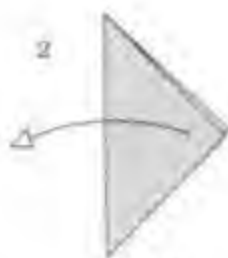


Lantern

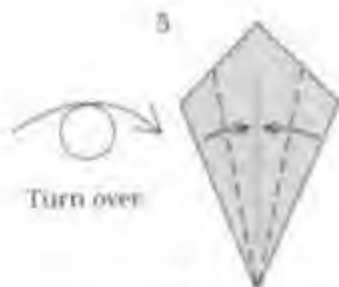
Swan



Fold in half.



Unfold



Turn over

Fold to the center.



Fold behind.



Slide the neck up.

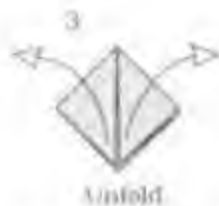
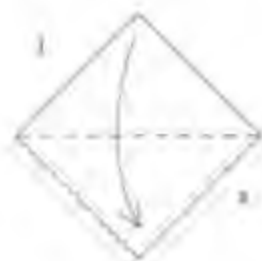


Slide the head up.

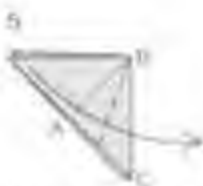


Swan

Star



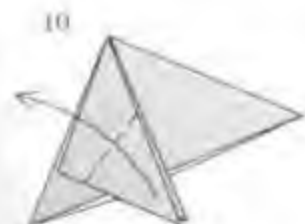
Fold in half.



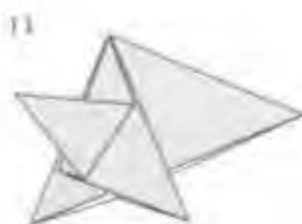
Fold A to the line B-C.



Fold behind.



There are no guide lines for this fold.



Repeat steps 9 and 10 behind.



Star

Sailboat



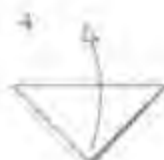
Fold in half.



Unfold.



Fold in half.



Unfold.



Turn over.



Book-fold.



Unfold.



Book-fold.



Unfold.



Collapse along the creases so that all the corners meet.



This is a three-dimensional intermediate step.



Fold inside.



Turn over.



Fold inside.



Rotate.



Unfold.



Refold white tucking inside.



Fold the triangle
down a little so the
sailboat can stand.



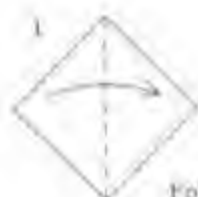
Turn over.



Sailboat

This sailboat is the logo for
*The Friends of The Origami
Center of America.*

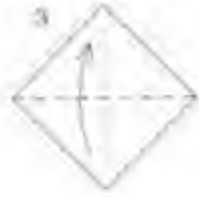
Carp



Fold in half.



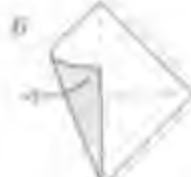
Unfold.



Unfold.



Kite-fold but only crease below the outer line.



Unfold.



Fold and unfold three other sides.



This is a three-dimensional drawing.



Repeat steps 8 and 9 on the right.



Turn over.



13



14

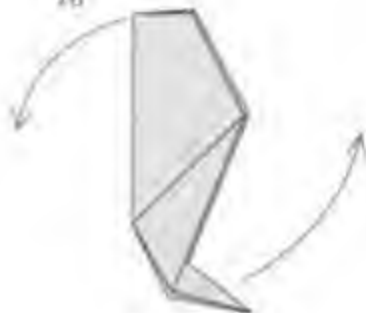


15



Slide out the point.

16



Rotate.

17



Fold the fin down, repeat behind.

18



Carp

Butterfly



Fold in half.



Unfold.



Fold in half.



Unfold.



Turn over.



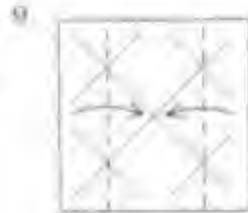
Fold the corners to the center.

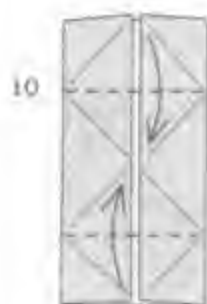


Unfold.



Turn over.

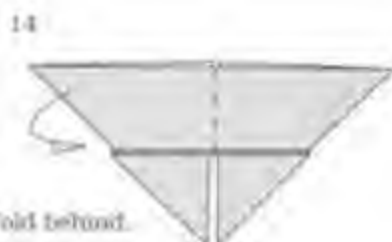




Pull out the corners.



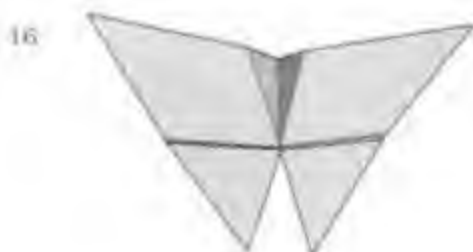
Fold behind.



Fold behind.

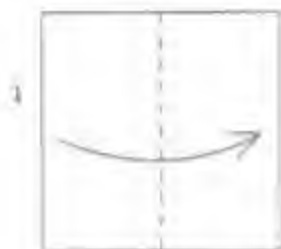


Repeat behind.



Butterfly

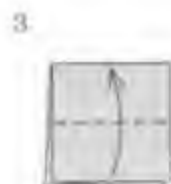
Frog



Fold in half.



Fold in half.



Unfold.



Fold and unfold.

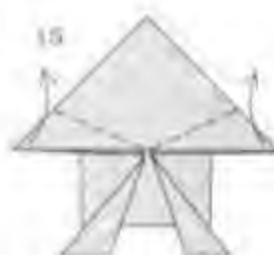
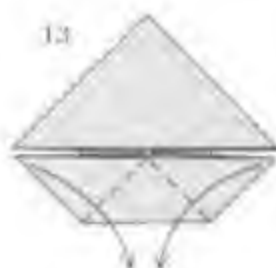


Fold and unfold.

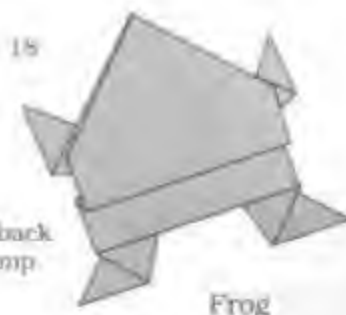




Pull out the corners.

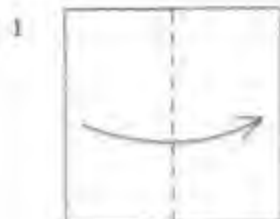


Turn over.

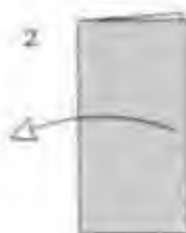


Push down on the back
and the frog will jump.

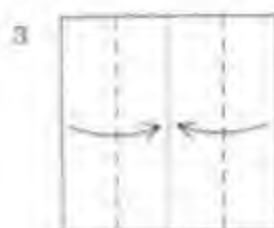
Pig



Fold in half.



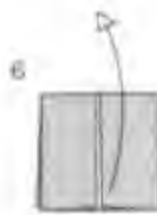
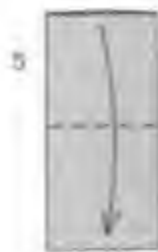
Unfold.



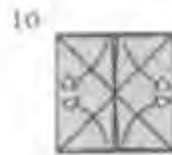
Fold to the center.



Turn over.



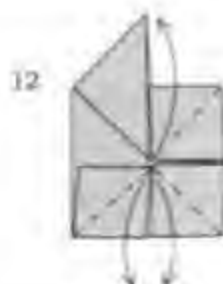
Unfold.



Unfold.



Place your finger inside to pull out the corner.

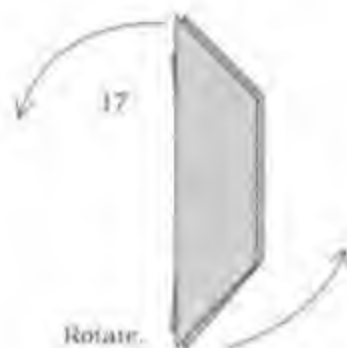


Pull out the three other corners.





Fold in half.



Repeat behind.



Fold the legs down,
repeat behind.

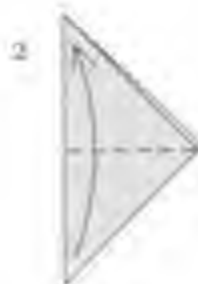
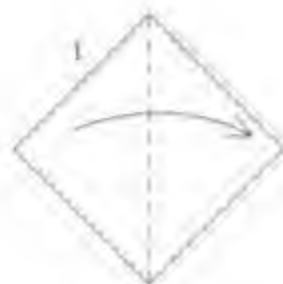


Slide the tail up.



Pig

Waterbomb



Fold behind.



Pull out the middle layer.



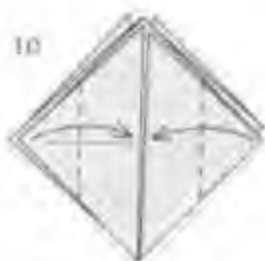
Rotate.



Fold the corners up,
repeat behind.



Fold one layer
down and unfold.



Fold to the center,
repeat behind.



Fold to the center,
repeat behind.



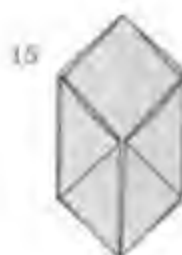
Repeat behind.



Unfold, repeat behind.



Tuck inside the pockets,
repeat behind.

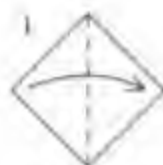


Blow into the bottom.

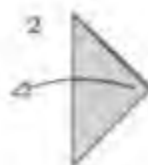


Waterbomb

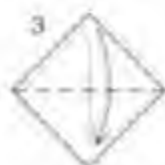
Candy Box



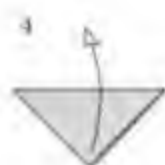
Fold in half.



Unfold.



Fold in half.



Unfold.



Turn over.



Book-fold.



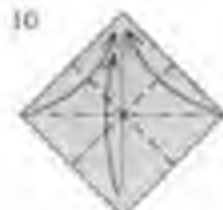
Unfold.



Book-fold.



Unfold.



Collapse along the creases so that all the corners meet.



This is a three-dimensional intermediate step.



Repeat behind.



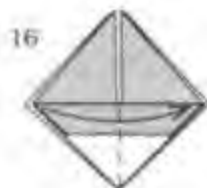
Unfold, repeat behind.



Repeat behind.



Repeat behind.



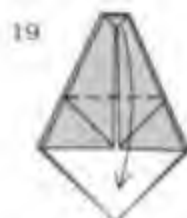
Repeat behind.



Fold the top down.
repeat behind.



Kite-fold.
repeat behind.



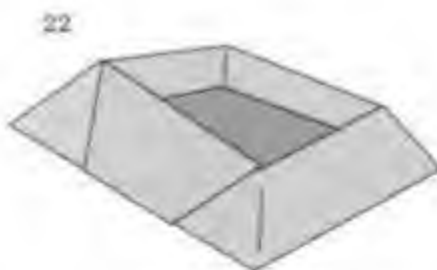
Repeat behind.



Tuck inside.
repeat behind.

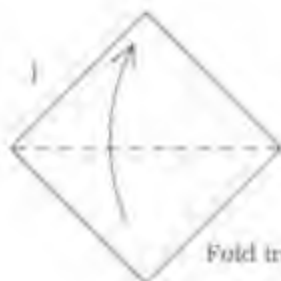


Open the box.



Candy Box

Fancy Box



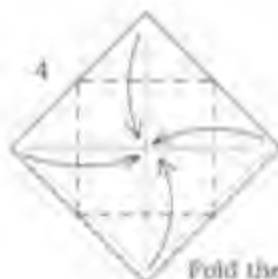
Fold in half.



Fold in half.



Unfold everything.



Fold the corners
to the center.



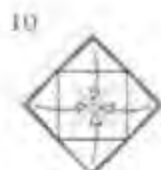
Turn over.



Fold the corners
to the center.



Turn over.



Unfold.



13



14



Let the corner slide out.

15



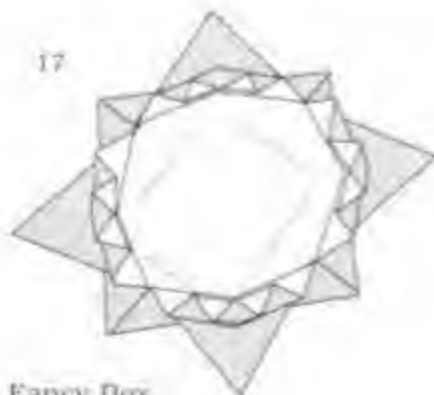
Repeat steps 11-14
on the three sides.

16



Place your finger inside and
push from the outside.
Repeat for each side.

17



Fancy Box



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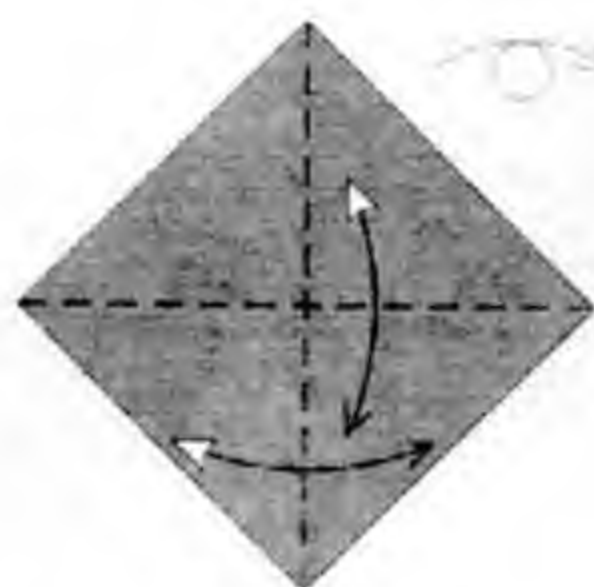
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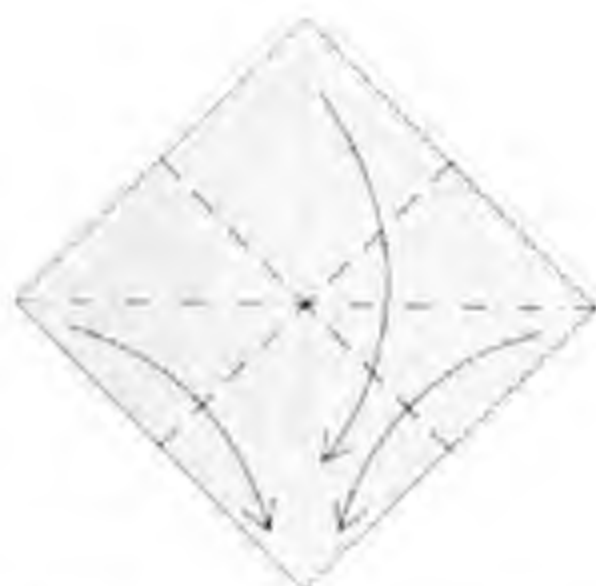
Valentine



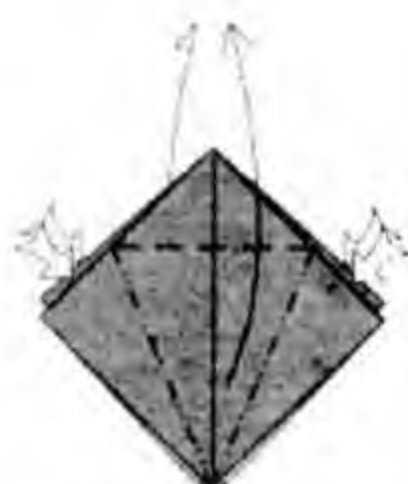
1. Begin with a square, colored side up. Fold and unfold along the diagonals. They form the paper's creases.



2. Fold the paper in half from edge to edge and unfold. Repeat the same direction.



3. Bring all four corners together at the bottom, forming a Preliminary Fold.



4. Petal fold the front and back flaps to form a Bird Base.



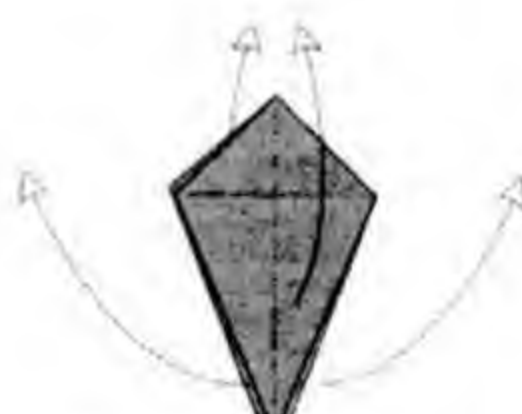
5. Fold one flap straight up front and one behind.



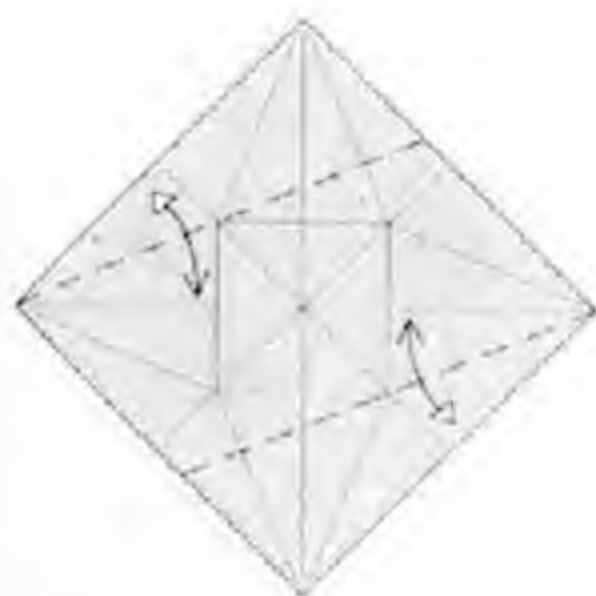
6. Fold one flap to the right in front and one to the left behind.



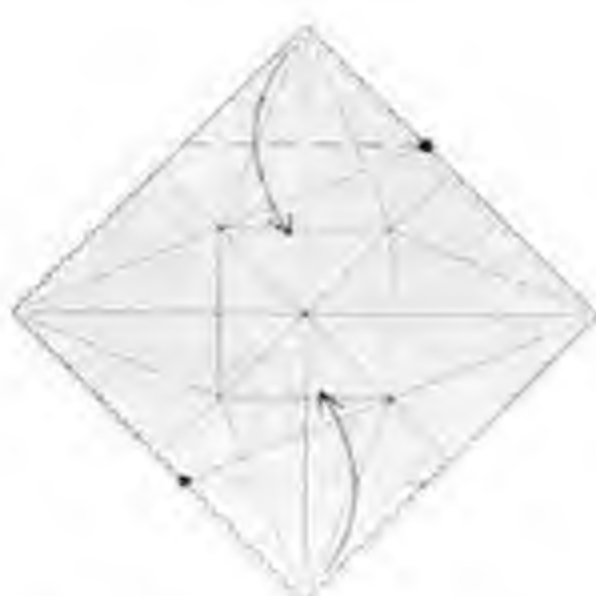
7. Fold one flap up in front and back down. Repeat behind.



8. Unfold the model completely.



9. Extend an existing crease to the lower left edge. Repeat above.



10. Fold the bottom corner up the center line to the edge at the same place as the last crease. Repeat with the top corner.



11. Refold the Bird Base, using those existing creases. Additional creases will have to make new creases to make the colored corners.



12. Fold the bottom left corner up to the center line; the fold runs along an existing crease. You don't need to make this fold sharp.



13. Shift some paper upward as far as possible, releasing the trapped paper underneath the flap.



14. Squash-fold the corner, swinging the excess paper over to the left.



15. As you did in step 13, shift some paper upward, releasing the trapped paper underneath.



16. Bring a raw edge to line up with the flap.



17. Open out the raw edges slightly.



18. Fold the two top raw flaps downward while folding the blank interior flap underneath. Close the model and flatten firmly.



19. Repeat steps 12-16 behind. Then make the model a third time.



20. Divide each vertical flap into thirds with valley folds.



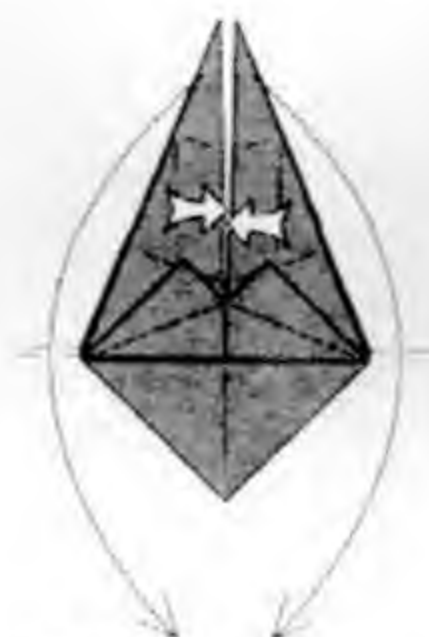
21. Repeat fold and flap upward, down the existing creases.



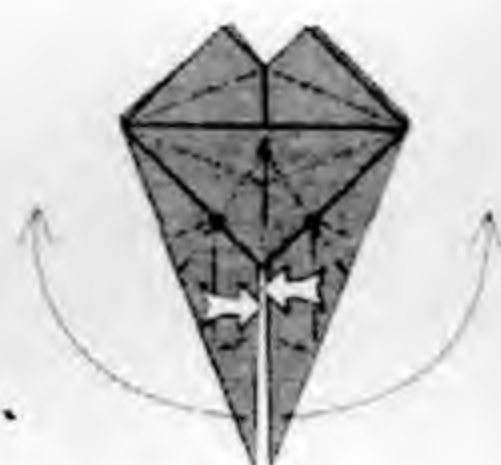
22. Fold and unfold through the near layers only. Repeat behind.



23. Unfold to step 20.



24. Reverse fold both points as far downward as possible.



25. Reverse fold the two points in the sides. Note the reference points for the two reverse folds.



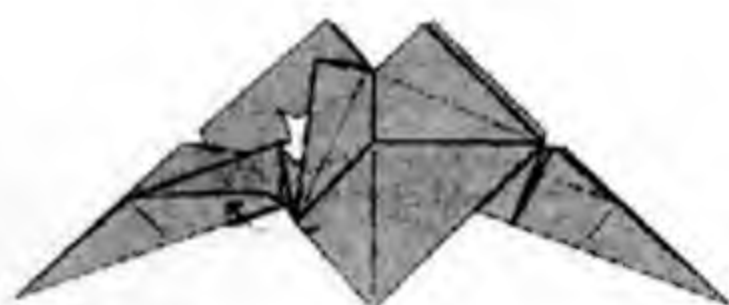
26. Reverse fold two points upward on each side.



27. Partially open out the left side. The model will not lie flat.



28. Valley fold the flap on the existing creases; simultaneously flatten the interior pleat and mountain-fold its edge underneath. The model will not lie flat.



29. Push down on the triangle and close the model back up.



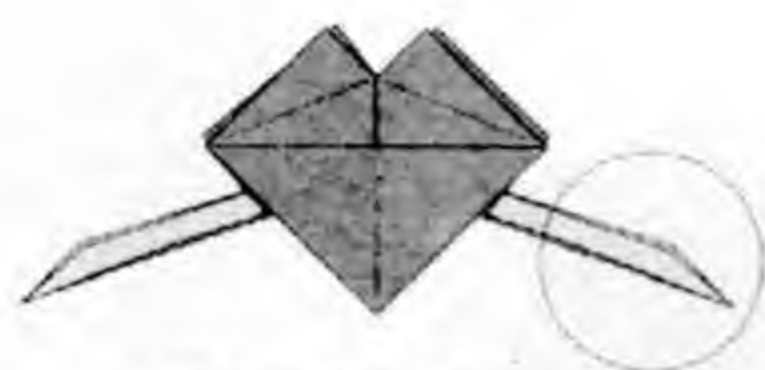
30. Repeat steps 27-29 behind and on the right.



31. Valley fold the near edge of each flap. Repeat behind.



32. Wrap a raw edge from the inside of each flap to the front; repeat behind.



33. Steps 34-45 focus on the tips of the white flaps.



34. Double-reverse fold the tip inside.



35. Inside reverse fold the flap.



36. Pull out some loose paper.



37. Shift the interior point so that its tip lies along the center line.



38. Crimp and rotate the end of the flap so that it aligns with the shaft emanating to the left.



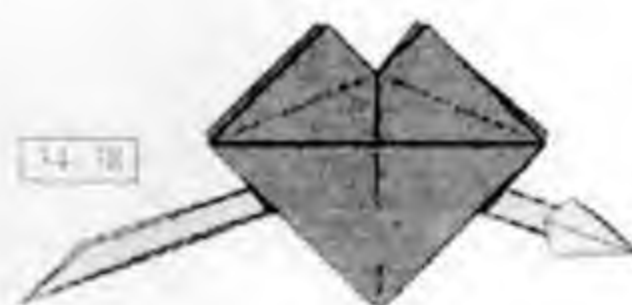
39. Closed with the center.



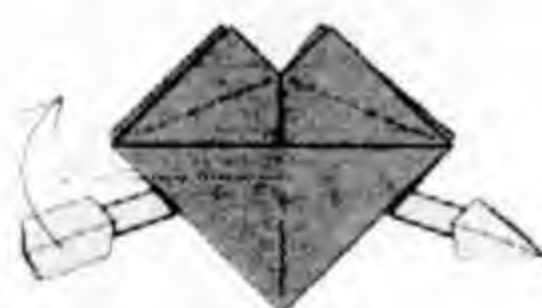
40. Mountain fold the bottom edge underneath. Repeat behind.



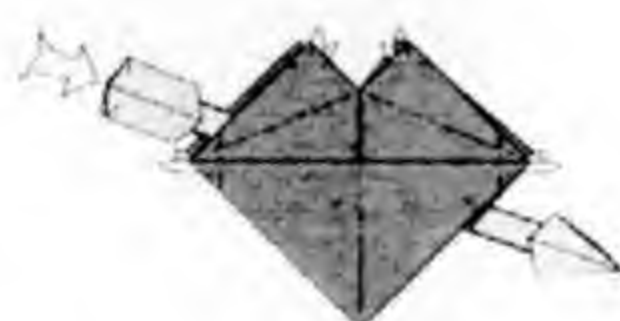
41. Like this.



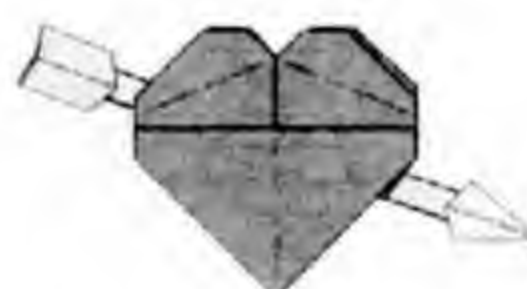
42. Repeat steps 34-38 (stop at 38) on the right.



43. Crimp the left side upward so that the two halves of the white shaft line up.



44. Round the heart with mountain folds. Dent the tail of the arrow to make it slightly three-dimensional.



45. Finished Valentine.